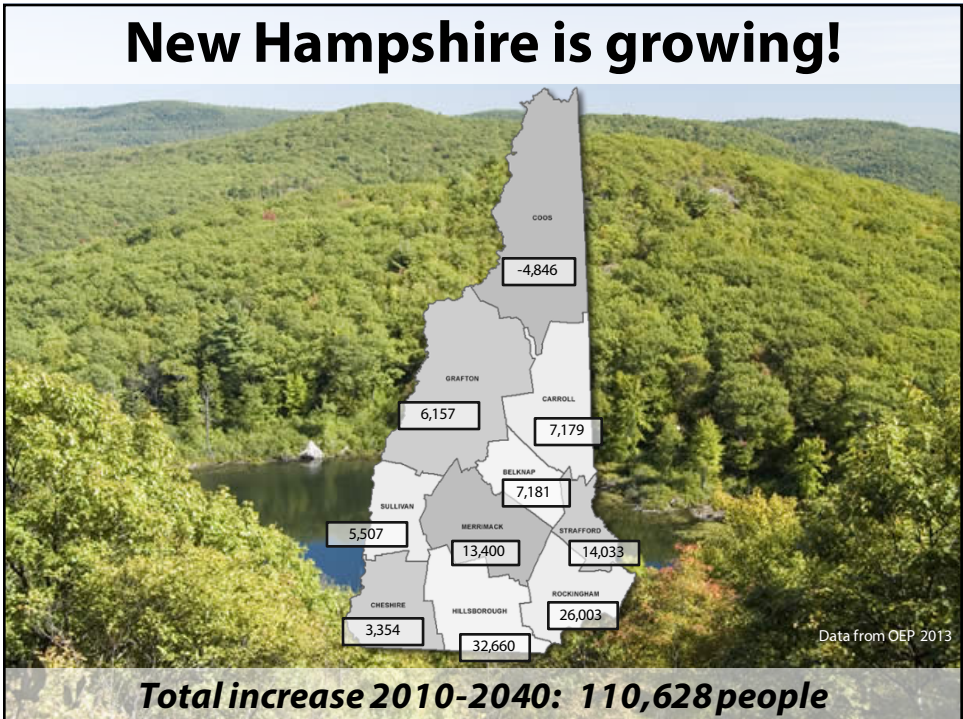


Conservation Strategies & Taking Action for Wildlife



New Hampshire is growing!



So what?



Why conservation planning?



... and to maintain natural processes



Why conservation planning for wildlife?



development & fragmentation

Consequences of habitat fragmentation

Habitat Block Size Requirements for Wildlife in Maine				
Tier 5	Tier 4	Tier 3	Tier 2	Tier 1
1-19 Acres	20-99 Acres	100-499 Acres	500-2500 Acres	Undeveloped
RACCOON	RACCOON HARE	RACCOON HARE	RACCOON HARE	RACCOON HARE COYOTE SMALL RODENT
SMALL RODENT	SMALL RODENT	SMALL RODENT	SMALL RODENT	SMALL RODENT
	PORCUPINE	PORCUPINE	PORCUPINE	PORCUPINE BOBCAT
COTTONTAIL	COTTONTAIL	COTTONTAIL	COTTONTAIL	COTTONTAIL
BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
SQUIRREL	SQUIRREL	SQUIRREL	SQUIRREL	SQUIRREL
WEASEL	WEASEL	WEASEL	WEASEL	WEASEL MINK FISHER
	WOODCHUCK	WOODCHUCK	WOODCHUCK	WOODCHUCK
		DEER	DEER	DEER
MUSKRAT	MUSKRAT	MUSKRAT	MUSKRAT	MUSKRAT
			MOOSE	MOOSE
RED FOX	RED FOX	RED FOX	RED FOX	RED FOX
SONGBIRDS	SONGBIRDS	SONGBIRDS	SONGBIRDS	SONGBIRDS
		SHARP-SHINNED HAWK	SHARP-SHINNED HAWK	SHARP-SHINNED HAWK
			BALD EAGLE	BALD EAGLE
SKUNK	SKUNK	SKUNK	SKUNK	SKUNK
		COOPER'S HAWK	COOPER'S HAWK	COOPER'S HAWK
		HARRIER	HARRIER	HARRIER
		BROAD-WINGED HAWK	BROAD-WINGED HAWK	BROAD-WINGED HAWK
		KESTREL	KESTREL	KESTREL
		HORNED OWL	HORNED OWL	HORNED OWL
		BARRED OWL	BARRED OWL	BARRED OWL
		OSPREY	OSPREY	OSPREY
		TURKEY VULTURE	TURKEY VULTURE	TURKEY VULTURE
		TURKEY	TURKEY	TURKEY
MOST REPTILES	MOST REPTILES	REPTILES	REPTILES	REPTILES
	GARTER SNAKE	GARTER SNAKE	GARTER SNAKE	GARTER SNAKE
	RING-NECKED SNAKE	RING-NECKED SNAKE	RING-NECKED SNAKE	RING-NECKED SNAKE
MOST AMPHIBIANS	MOST AMPHIBIANS	MOST AMPHIBIANS	AMPHIBIANS	AMPHIBIANS
	WOOD FROG	WOOD FROG	WOOD FROG	WOOD FROG

As the size of a habitat block decreases, the number of the species supported by the habitat block declines

Consequences of habitat fragmentation



Increase in 'generalist' wildlife species

Consequences of habitat fragmentation



Loss of wildlife species with large home-ranges

Consequences of habitat fragmentation



Restricts Movement

Consequences of habitat fragmentation



Increased human-wildlife conflict

What can be done to protect habitats?



*Identify and conserve
large, unfragmented
habitat blocks*

What can be done to protect habitats?



Identify and conserve habitats of rare wildlife species and exemplary natural communities

What can be done to protect habitats?

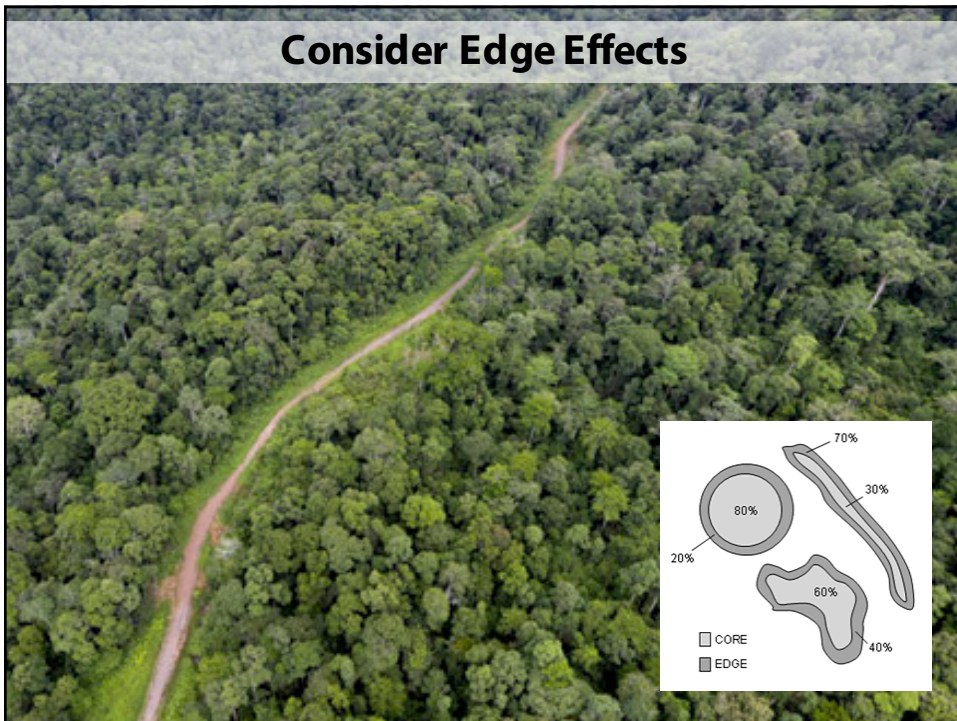


Conserve habitat blocks in close proximity to one another to facilitate wildlife movement

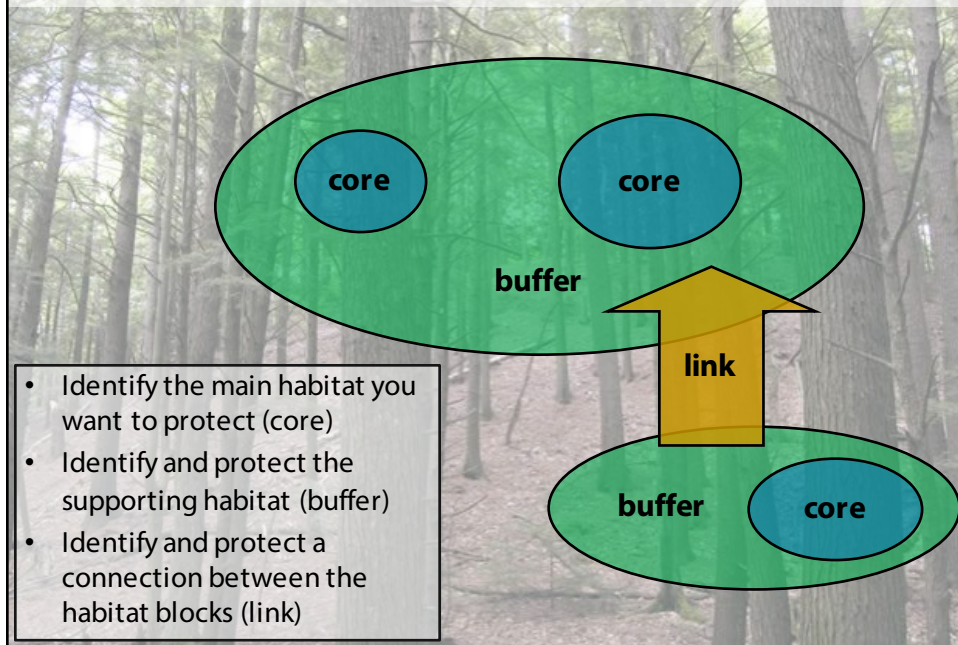
What can be done to protect habitats?



Consider Edge Effects



The general approach to conserving habitats



What is the Wildlife Action Plan?



Restore rare wildlife and habitats.



Keep common species common.

Wildlife Action Plan Successes



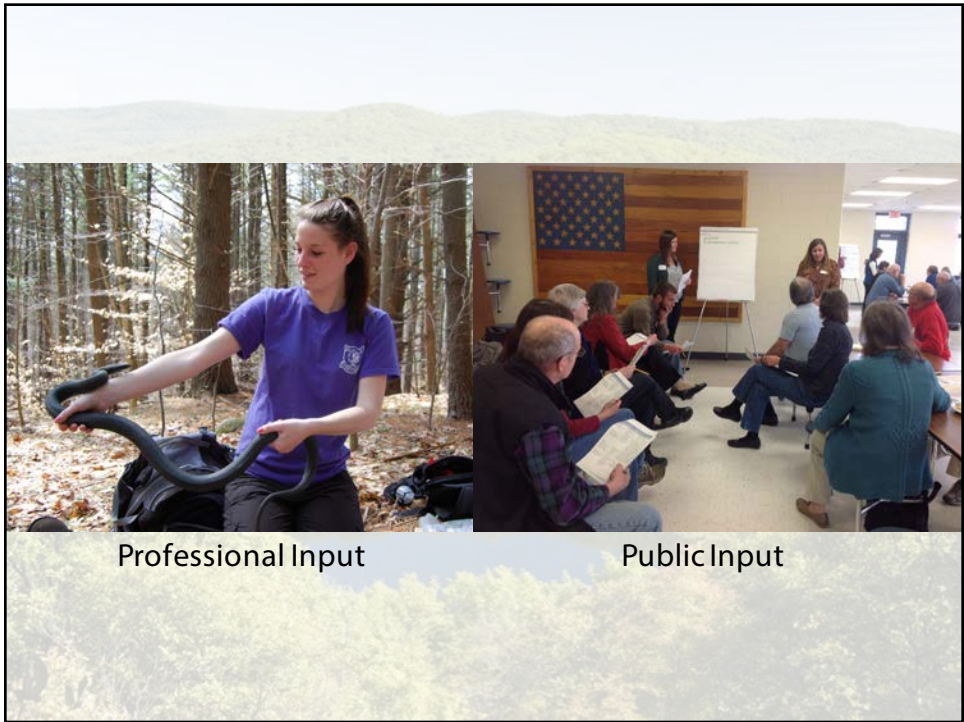
235,000 acres conserved



3,500+ received
technical assistance

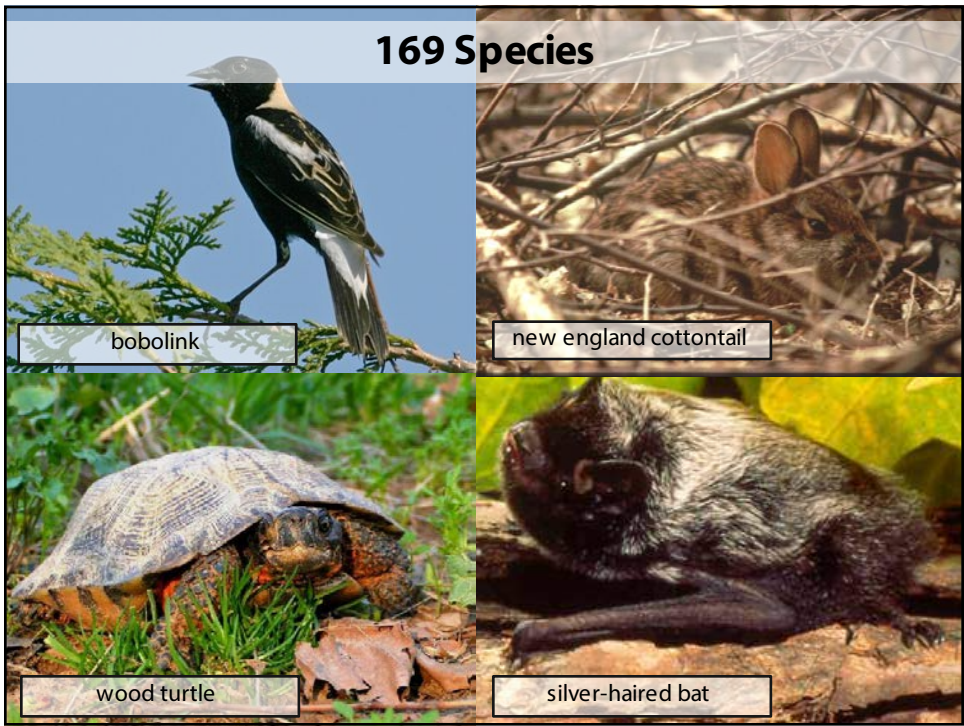


species & habitats



Professional Input

Public Input



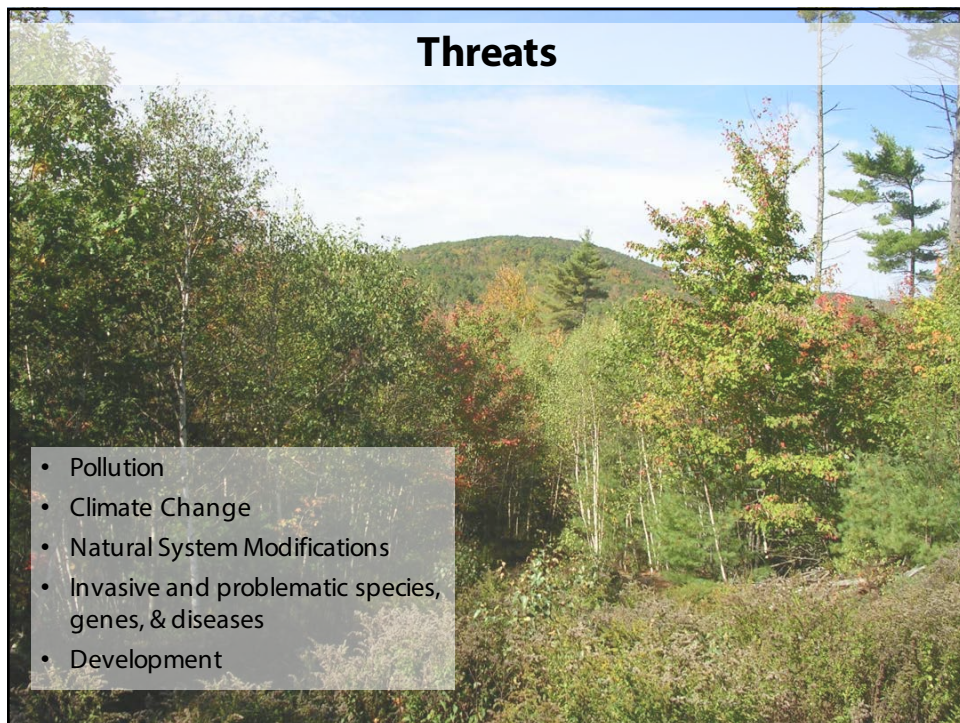
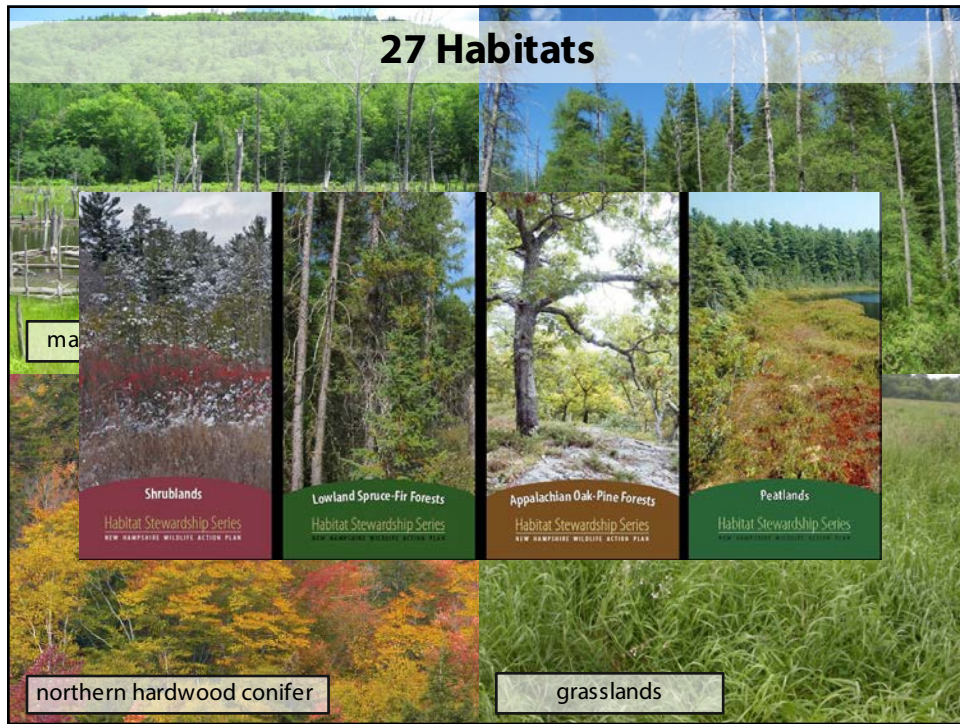
169 Species

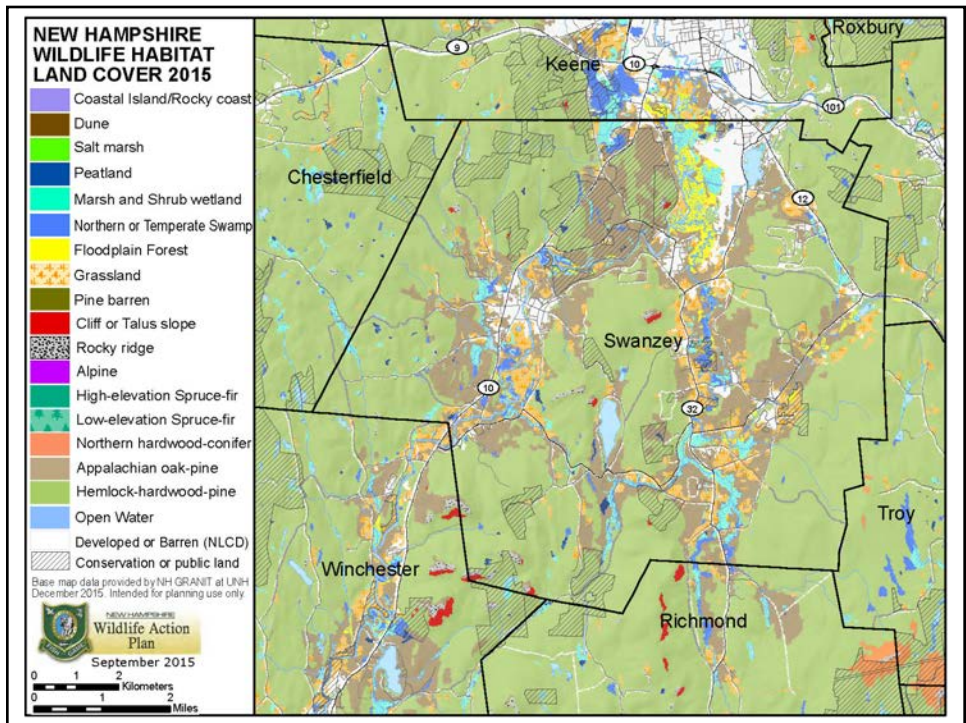
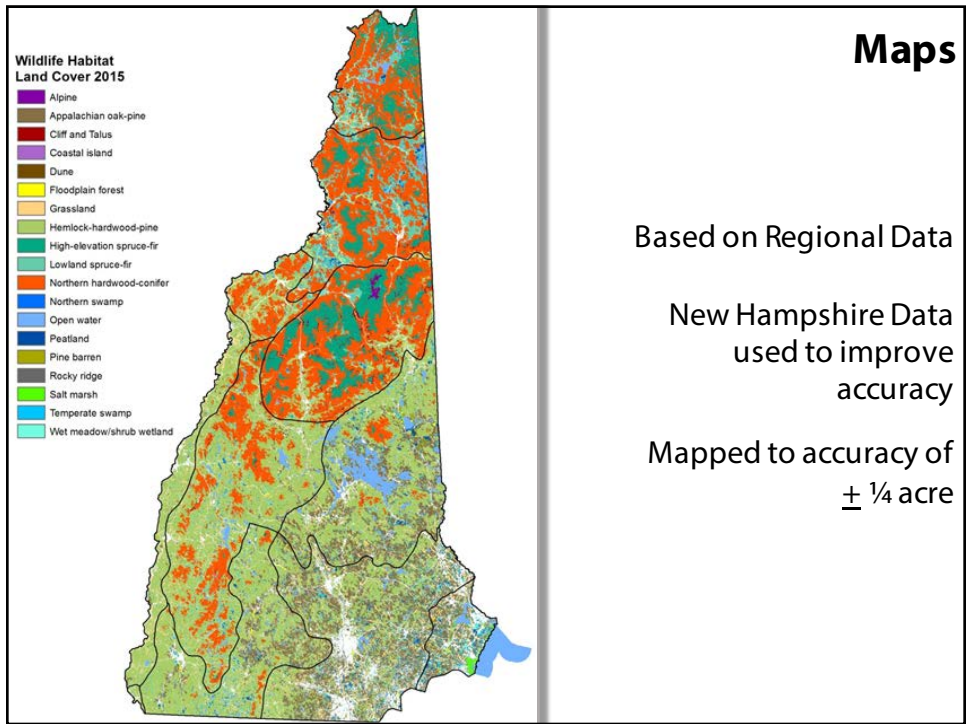
bobolink

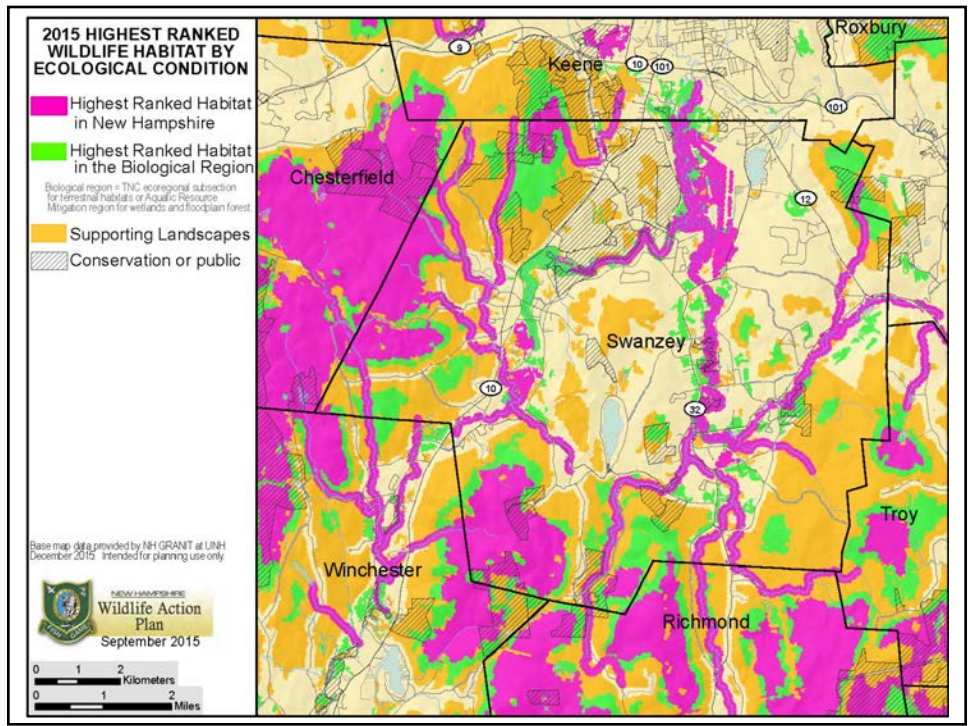
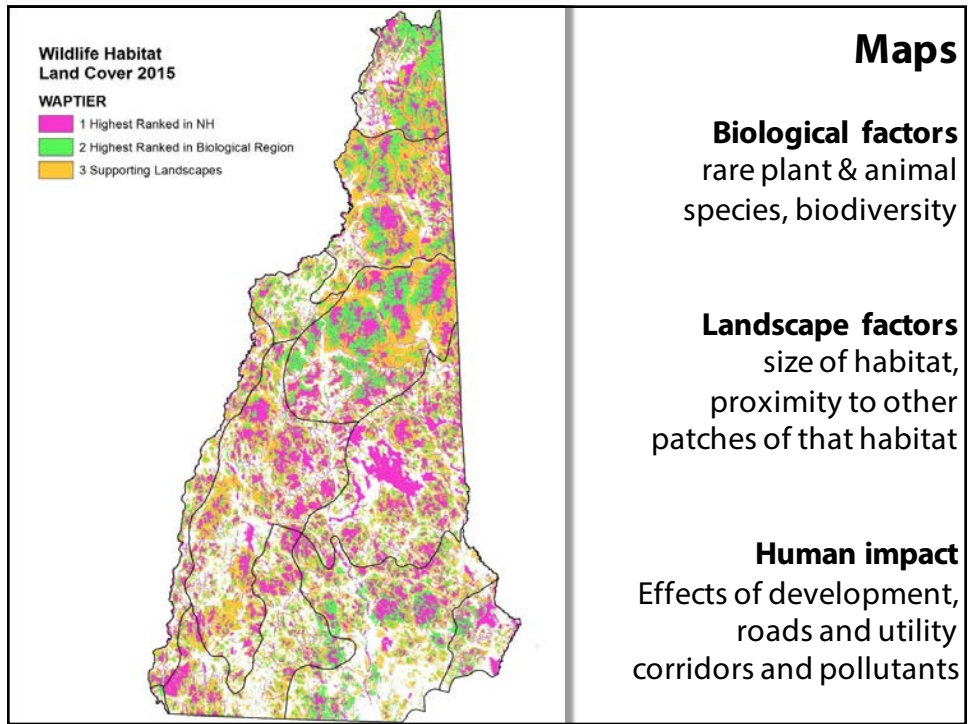
new england cottontail

wood turtle

silver-haired bat



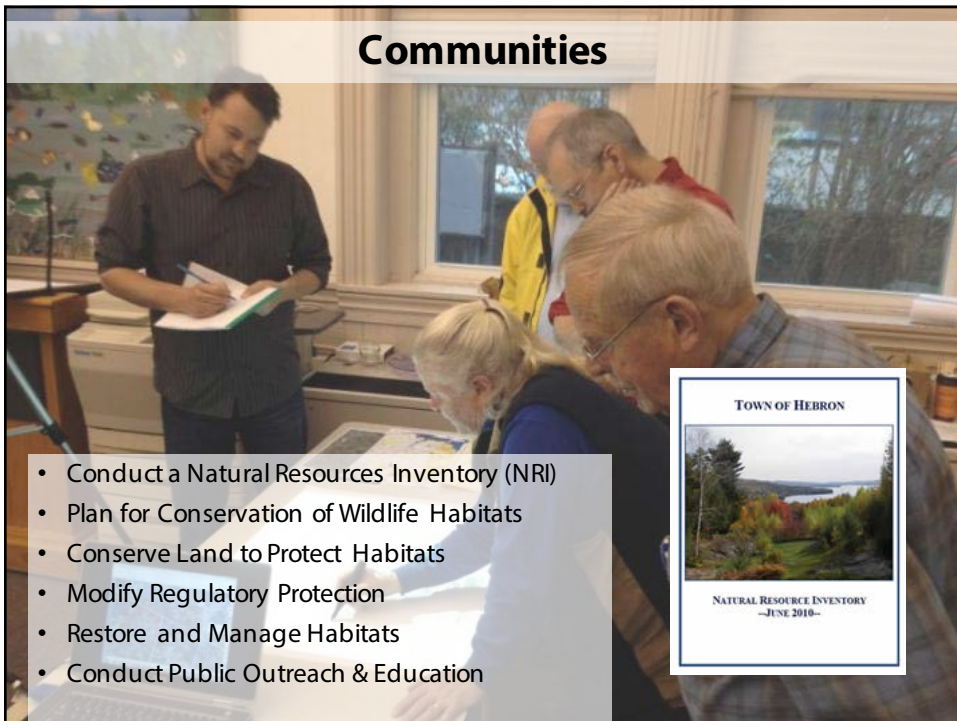




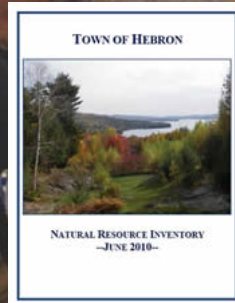
Action!



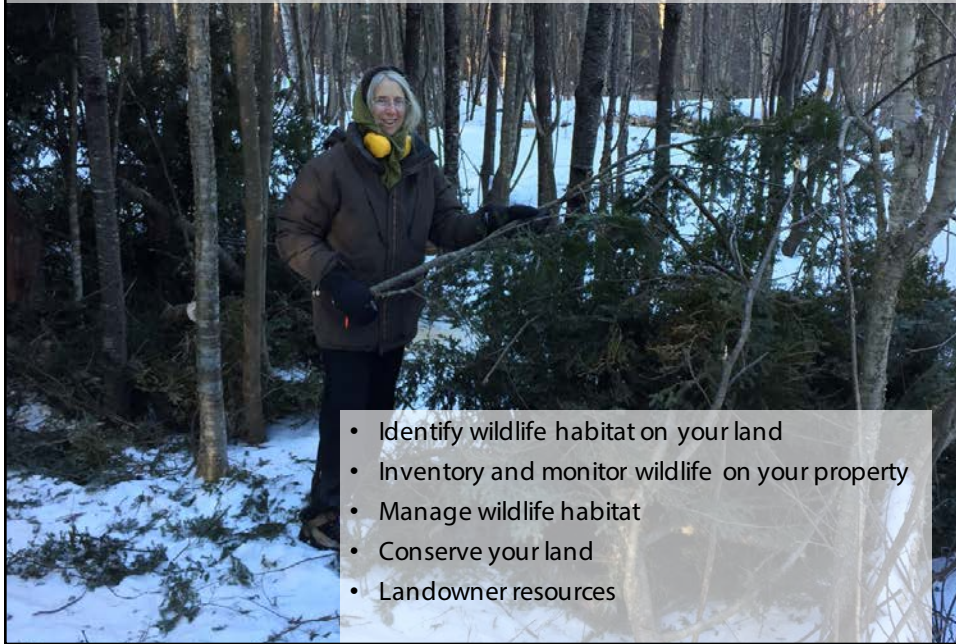
Communities



- Conduct a Natural Resources Inventory (NRI)
- Plan for Conservation of Wildlife Habitats
- Conserve Land to Protect Habitats
- Modify Regulatory Protection
- Restore and Manage Habitats
- Conduct Public Outreach & Education



Landowners



- Identify wildlife habitat on your land
- Inventory and monitor wildlife on your property
- Manage wildlife habitat
- Conserve your land
- Landowner resources



A University of New Hampshire
Cooperative Extension Newsletter

Taking Action for WILDLIFE



A partnership of NH Fish & Game and UNH Cooperative Extension

Winter 2017



Moose in a Changing Climate

As the moose population in New Hampshire was increasing over the last several decades, our winters were getting shorter. Shorter winters are allowing parasites - like the winter tick - to thrive. NH Moose Biologist Kristine Rines describes the history of our state's moose population, how they're being affected by a changing climate, and current research efforts.


[Learn More](#)




Working for Woodcock Creating Young Forest for Wildlife


Bob & Trish Leopold have owned a home and land in Wolfeboro since 1994, and enjoyed watching the American Woodcock that used their land for singing grounds. Over the last few years, they noticed they were not seeing as many woodcock and learned that the shrubby habitat areas they require were diminishing, both on their property and nationally. So, they decided to take action.

New Hampshire Fish & Game Department

 **New Hampshire Wildlife Sightings**



Home Species of Interest Related Links Contact Us Login



Tell us what you've seen!

WELCOME to NH Wildlife Sightings, a web tool for reporting wildlife observations in New Hampshire.

It's for everyone — landowners, foresters, outdoor sportspersons, wildlife enthusiasts... And it's easy!

- Begin by creating your own **user account...**
- **Learn** how to use the reporting tools
- Review our wildlife **species of interest**
- **Visit links** of related information.

nhwildlifesightings.unh.edu

 **New Hampshire FISH AND GAME**
Connecting you to life outdoors

Guardian of the state's fish, wildlife, and marine resources.

Search This Site **SEARCH**



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- ▶ Habitats
- ▶ Town Maps
- ▶ Workshops, Events and Presentations
- ▶ Wildlife in NH
- ▶ Nongame & Endangered Wildlife Program

NH Wildlife Action Plan

Taking Action for Wildlife!

How does NH Fish and Game and its many conservation partners around the state prioritize actions for wildlife and land management? How do you, as a member of your community and a landowner, become part of the movement to conserve and maintain New Hampshire's natural environment? The entire state has a plan that



2015 revision for NH



Read the latest fascinating article, *A Helping Hand for Wildlife*, and subscribe to **NH Wildlife Journal**

What is in the New Hampshire Wildlife Action Plan?

2015 Wildlife Action Plan Downloads (all files in PDF format)

- › [Read the Executive Summary](#)
- › [List of SGCN and Habitats](#)

These documents are awaiting approval by the US Fish and Wildlife Service.

- › [Introduction, Table of Contents, Acknowledgements and other front pieces](#)
- › [Chapter 1: Public Participation](#)
- › [Chapter 2: NH Wildlife and Habitats At Risk](#)
 - › [How NH Chooses SGCN](#)
- › [Chapter 3: NH Wildlife Habitat Conditions](#)
 - › [Using the Wildlife Action Plan Maps](#)
- › [Chapter 4: Wildlife Risk Assessment - Introduction](#)
 - › [Chapter 4 includes:](#)
 - › [Residential and Commercial Development](#)
 - › [Agriculture and Aquaculture](#)
 - › [Energy Production and Mining](#)
 - › [Transportation and Service Corridors](#)
 - › [Biological Resource Use](#)
 - › [Human Intrusions and Disturbance](#)
 - › [Natural System Modifications](#)
 - › [Invasive and Other Problematic Species and Genes](#)
 - › [Pollution](#)
 - › [Climate Change and Severe Weather](#)
- › [Chapter 5: Conservation Actions](#)
- › [Chapter 6: Monitoring, Performance Evaluation, and Adaptive Management](#)
- › [Chapter 7: Implementation](#)

Wildlife Action Plan Appendices (all files in PDF format)


- › **A: Species Profiles**
 - › [Mammals](#)
 - › [Birds](#)
 - › [Reptiles](#)
 - › [Amphibians](#)

Taking Action

for WILDLIFE

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SPECIES SPOTLIGHT
The strangely unique horseshoe crab is a new addition to the NH Wildlife Action Plan.
[Learn More](#)

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Stories

- [Andover's Wildlife Summer Outreach Program Featured on NHPR](#)
- [Bradford - 2012 Natural Resources Inventory](#)
- [Washington - 2008 Natural Resource Inventory](#)

[All stories](#)

Newsletter

- [Wildlife Action Plan Maps - What's New? How YOU Can Take Action](#)
- [Species Spotlight: Horseshoe Crab YOU DID IT! - NH's Wildlife Action Plan Revised](#)
- [Modeling the Fate of NH Salt Marshes](#)
- [Living with Black Bears](#)

[All news](#)

Featured Events

- › [NH Covert Project: 2016 Training Workshop 05/04/2016](#)

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About

Communities

Incorporating Wildlife Into Town Documents

Natural Resources Inventories

Conservation Planning for Wildlife

Land Conservation

Using Local Regulations

Managing Wildlife Habitat

Public Outreach

Community Assistance Program

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Communities



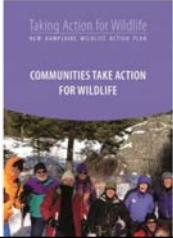
The Taking Action for Wildlife Team can help your community take action for wildlife. Download and complete the application form below.

2016 Communities Taking Action for Wildlife Application

Learn what other communities have done in our new [Communities Take Action brochure!](#)

Wondering how you can work effectively with your community to develop and implement wildlife conservation projects? Learn how you can get organized by following these steps:

- 1. Incorporate Wildlife into Town Documents**
Review your community's existing documents, e.g. natural resources inventory, conservation or open space plan, master plan, zoning, etc. Do any of these documents need updating to incorporate information about wildlife? Are you missing key documents, such as a natural resources inventory?
- 2. Select Your Actions**
Review [Community Stories](#) for ideas from other communities actions to protect wildlife and habitats. Use the tabs on the left to select the action/s most appropriate for your community. [Here is a suggested sequence of actions:](#)



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Managing Wildlife Habitat

Habitats of NH

Wildlife Species

Keeping Track of Wildlife on Your Land

Conserving Your Land


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Actions You Can Take

Landowners Taking Action for Wildlife



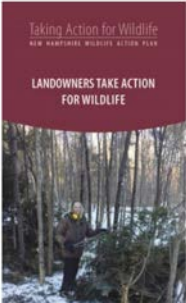
Learn what other landowners have done in our new [Landowners Take Action for Wildlife brochure!](#)

What can landowners do to take action for wildlife? About 70% of land in New Hampshire is privately owned. The actions landowners take on their own properties are instrumental in protecting and maintaining valuable wildlife habitats throughout the state.

Landowners can use the [tools below](#) (or at left) to learn more about how to protect, restore or manage wildlife habitats on their property. If you have questions about taking action for wildlife on your property, contact your Extension County Forester or contact the Taking Action for Wildlife Team.

Landowner Tools for Taking Action

- [Managing Wildlife Habitat](#)
- [Conserving Your Land](#)
- [Habitats of NH](#)
- [Wildlife Species](#)
- [Keeping Track of Wildlife on Your Land](#)
- [Landowner Library](#)



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Stories

What:
Leave blank for all. Otherwise, the first selected term will be the default instead of "Any".

Who: Apply
Leave blank for all. Otherwise, the first selected term will be the default instead of "Any".

The Bees' Needs: A collaboration between Kingston conservation commission and Sanborn Regional High School

What do you get when you give 135 high school sophomores an armload of heavy pointed shovels, pick-axes, and hacksaws, and send them off into the woods?

Well, that's not a joke, so don't wait for a punchline.

What you get are acres of field and wooded areas made more inviting to bees, monarch butterflies, birds, and even rabbits: all of the flying and crawling critters whose actions help pollinate plant life and perpetuate the natural cycles that keep interdependent plant and animal species healthy. The day-long field event was the culmination of a month-long study at Sanborn Regional High School, working in collaboration with the Kingston conservation commission, on the essential role of biodiversity in ecosystems.

...

[Read more / Permalink](#)

Easton - Got Wildlife?

The Town of Easton, in northern Grafton County, has a way with coming up with catchy names. Their "Pastry and Preservation" conservation events have drawn local residents to enjoy good food and learn about the town's natural resources. So no big surprise that they came up with "Got Wildlife?" a creative activity to engage residents



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Commonly Used Resources

Here are the resources that communities, conservation groups and landowners commonly use when Taking Action For Wildlife:

NH Wildlife Action Plan

NEW!!



- [2015 NH Wildlife Action Plan - Sections and Appendices](#)
- [2015 Executive Summary](#)
- [List of Species of Greatest Conservation Need and their Habitats](#)

Apply for Assistance from the Taking Action for Wildlife Team (no fee for assistance):

- [2015 Communities Taking Action for Wildlife Application \(Word Document\)](#)

Maps:

- [Habitat and Ranked Habitat Maps for NH Towns](#)
- [GRANITView Mapper](#)
- [Data on the amount of each habitat type in each town, watershed and ecoregion in the Wildlife Action Plan Maps \(scroll down to **How Can I Get This Information** to access the Excel file\)](#)

Questions?

